CHEMICAL USAGE

INDIANA PESTICIDE USAGE

Herbicides were used on 99 percent of Indiana's 5.6 million **SOYBEANS** acres during 2004. Glyphosate, commonly known as Roundup, Bronco, Clear-Out, and Extreme, was Indiana's most widely used herbicide, applied to 92 percent of the state's acreage. Chlorimuron-ethyl, known as Authority, Canopy, and Classic, was applied to 12 percent of the acreage.

HERBICIDE USAGE
SOYBEANS, INDIANA, 2004

Pesticide	Acres Planted (000)	Percent Acres Treated	Total Applied (000 #)	Percent of 2002
	Soybeans			
Herbicide	5,550	99	7,037	90

MAJOR CHEMICAL USAGE, INDIANA, 2003-2004

Chemical (Trade Name)	Percent Acres Treated		Rate Per Crop Year (Pounds)		Total 1/ Applied (000 #)	
	2002	**2004**	2002	**2004**	2002	**2004**
	Soybeans					
Herbicides						
2,4-D (Defy, Turret)	8	**4**	0.33	**0.39**	166	**94**
2,4-DP, Dimeth. salt (Amine)	*	**3**	*	**0.53**	*	**88**
Acetic acid (2, 4-D, Agsco, Maestro D, Outlaw)	*	**4**	*	**0.54**	*	**117**
Butoxy. ester 2, 4-D (2, 4-D/Weedone LV6)	*	**3**	*	**0.43**	*	**80**
Chlorimuron-ethyl (Authority, Canopy, Classic)	11	**12**	0.02	**0.02**	11	**12**
Cloransulam-methyl (Amplify, FirstRate, Gangster)	*	**1**	*	**0.02**	*	**2**
Fenoxaprop (Cheyenne, Fusion, Silverado, Tiller)	5	**3**	0.15	**0.15**	41	**25**
Fluazifop-P-butyl (Fusilade, Fusion, Typhoon)	5	**3**	0.05	**0.04**	13	**7**
Flumioxazin (Gangster, Valor)	*	**2**	*	**0.05**	*	**6**
Fomesafen (Flexstar, Reflex, Typhoon)	2	**5**	0.27	**0.27**	36	**78**
Glyphosate (Roundup, Clear-Out, Extreme, Glyphomax)	89	**92**	1.22	**1.13**	6,273	**5,765**
Glyphosate, diam. salt (Sequence, Touchdown)	9	**2**	0.93	**1.35**	470	**129**
Imazaquin (Backdraft, Scepter, Squadron, Steel)	4	**2**	0.07	**0.08**	17	**9**
Imazethapyr (Extreme, Pursuit, Steel)	10	**2**	0.06	**0.04**	33	**5**
MCPA, sodium salt (Bromox, Rhino, Wildcard)	*	**3**	*	**0.67**	*	**98**
Metribuzin (Axiom, Boundary, Canopy, Domain, Turbo)	5	*	0.16	*	46	*
Pendimethalin (Pendimax, Prowl, Pursuit, Squadron)	4	**2**	0.92	**0.68**	208	**64**
Sulfentrazone (Authority, Blanket, Command Xtra)	7	**9**	0.11	**0.10**	41	**52**
Tribenuron-methyl (Ally Extra, Canvas, Harmony)	*	**2**	*	**0.009**	*	**1**

* Insufficient reports to publish data.
1/ Totals may not compute due to rounding.